

INTERNATIONAL SEARCH REPORT

 International application No.
 PCT/JP2004/014405

 A. CLASSIFICATION OF SUBJECT MATTER
 Int.Cl⁷ H01F10/16, H01F10/13

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

 Minimum documentation searched (classification system followed by classification symbols)
 Int.Cl⁷ H01F10/16, H01F10/13

 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
 Jitsuyo Shinan Koho 1922-1996 Toroku Jitsuyo Shinan Koho 1994-2005
 Kokai Jitsuyo Shinan Koho 1971-2005 Jitsuyo Shinan Toroku Koho 1996-2005

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 2000-252121 A (Alps Electric Co., Ltd.), 14 September, 2000 (14.09.00), Full text; all drawings (Family: none)	1-20
Y	JP 05-047555 A (Kabushiki Kaisha Amorufasu Debaisu-Denshi Debaisu Kenkyusho), 26 February, 1993 (26.02.93), Full text (Family: none)	1-20
Y	JP 2000-054083 A (Alps Electric Co., Ltd.), 22 February, 2000 (22.02.00), Full text; all drawings (Family: none)	1-20

☒ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

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"P" document published prior to the international filing date but later than the priority date claimed

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"&" document member of the same patent family

 Date of the actual completion of the international search
 24 February, 2005 (24.02.05)

 Date of mailing of the international search report
 15 March, 2005 (15.03.05)

 Name and mailing address of the ISA/
 Japanese Patent Office

Authorized officer

Facsimile No.

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 03/060933 A (TDK Corp.), 24 July, 2003 (24.07.03), Full text; all drawings (Family: none)	15-20